IN THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. – 37. **(Canceled)**

38. **(Previously Presented)** A fuel injection system, comprising:

a fuel reservoir; and

at least one reciprocating fuel pump assembly in fluid communication with the fuel reservoir, each of the at least one reciprocating fuel pump assemblies comprising:

a housing assembly including a drive section and an adjacent pump section;

a drive assembly disposed in the drive section, the drive assembly including a permanent magnet and a coil assembly having a winding, one of the magnet and the coil assembly being capable of reciprocal movement along an axis between a first position and a second position with respect to the other, the one forming, at least in part, a movable member, application of a signal to the winding causing movement of the movable member between the first position and the second position;

a resilient member biasing the movable member in the first position; and

a pump assembly disposed in the pump section, the pump assembly including a pump member capable of reciprocal movement, the pump member operatively connected to the movable member, movement of the movable member causing movement of the pump member.

39. **(Previously Presented)** The fuel injection system of claim 38, further comprising:

a first fuel pump for drawing fuel from the fuel reservoir;

a separator for receiving fuel from the first fuel pump; and

a second fuel pump for drawing fuel from the separator,

the at least one reciprocating fuel pump assembly receiving fuel from the second fuel pump.

40. **(Previously Presented)** The fuel injection system of claim 39, further comprising:

an inlet manifold receiving fuel from the second fuel pump, the at least one reciprocating fuel pump assembly drawing fuel from the inlet manifold; and

a return manifold for returning excess fuel from the at least one reciprocating fuel pump assembly to the separator.

41. **(Previously Presented)** The fuel injection system of claim 38, wherein the at least one reciprocating fuel pump assembly comprises a plurality of reciprocating fuel pump assemblies.

42. **(Previously Presented)** The fuel injection system of claim 38, further comprising an injection controller to control the operation of the at least one reciprocating fuel pump assembly.

43. **(Previously Presented)** The fuel injection system of claim 38, wherein the coil assembly surrounds the permanent magnet.

44. **(Previously Presented)** The fuel injection system of claim 38, wherein the movable member includes the coil assembly.

45. **(Previously Presented)** The fuel injection system of claim 38, wherein the permanent magnet comprises two permanent magnets.

46. **(Previously Presented)** The fuel injection system of claim 38, wherein the at least one reciprocating fuel pump assembly further comprises a nozzle in fluid communication with the pump assembly for expressing pressurized fluid from the pump assembly.

47. **(Previously Presented)** An internal combustion engine, comprising:

at least one combustion chamber; and

a fuel injection system having a reciprocating fuel pump assembly associated with the combustion chamber to inject fuel therein,

the reciprocating fuel pump assembly comprising:

a housing assembly including a drive section and an adjacent pump section;

a drive assembly disposed in the drive section, the drive assembly including a permanent magnet and a coil assembly having a winding, one of the magnet and the coil assembly being capable of reciprocal movement along an axis between a first position and a second position with respect to the other, the one forming, at least in part, a movable member, application of a signal to the winding causing movement of the movable member between the first position and the second position;

a resilient member biasing the movable member in the first position; and

a pump assembly disposed in the pump section, the pump assembly including a pump member capable of reciprocal movement, the pump member operatively connected to the movable member, movement of the movable member causing movement of the pump member.

48. **(Previously Presented)** The internal combustion engine of claim 47, wherein the at least one combustion chamber comprises a plurality of combustion chambers, and

wherein the fuel injection system has a plurality of reciprocating fuel pump assemblies, each of the fuel pump assemblies being associated with a combustion chamber.

49. **(New)** The fuel injection system of claim 38, wherein the movable member and the pump member move in the same direction.

50. **(New)** The fuel injection system of claim 38, wherein the movable member contacts the pump member, forcing the pump member against the bias of the resilient member.

51. **(New)** The fuel injection system of claim 38, further comprising:

a pump chamber formed in the pump section, the pump chamber having a side wall; and

a fluid inlet passage disposed in the side wall of the pump chamber.

52. **(New)** The fuel injection system of claim 38, further comprising:

a fixed member formed at least in part by the other of the magnet and the coil assembly;

the movable member moving away from the fixed member when moving from the first position to the second position.

53. **(New)** The internal combustion engine of claim 47, wherein the movable member and the pump member move in the same direction.

54. **(New)** The internal combustion engine of claim 47, further comprising:

a pump chamber formed in the pump section, the pump chamber having a side wall; and

a fluid inlet passage disposed in the side wall of the pump chamber.

55. **(New)** The internal combustion engine of claim 47, further comprising:

a fixed member formed at least in part by the other of the magnet and the coil assembly;

the movable member moving away from the fixed member when moving from the first position to the second position.